

AMENDMENTS TO THE CLAIMS

1-51. (CANCELED)

52. (NEW) A computer program product comprising:

a computer usable medium having computer readable program code for processing documents embodied therein, said computer readable program code configured to:

obtain a request for at least one first document;

forward said at least one first document to a client computer in response to said request;

obtain user input associated with said at least one first document;

execute an internal application configured to process said user input to generate at least one second document, wherein said at least one second document is assembled using at least one object having a persistence level, and wherein said internal application comprises a data source object configured to obtain data from at least one external data source for use in said second document; and

forward said at least one second document to said client computer.

53. (NEW) A computer program product comprising:

a computer usable medium having computer readable program code for processing documents embodied therein, said computer readable program code configured to:

- obtain a request for at least one first document;
- forward said at least one first document to a client computer in response to said request;
- obtain user input associated with said at least one first document;
- execute an internal application configured to process said user input to generate at least one second document, wherein said at least one second document is assembled using at least one object having a persistence level, and wherein said at least one object assembles said at least one second document from a plurality of definitional elements; and
- forward said at least one second document to said client computer.

54. (NEW) The computer program product of claim 53 wherein said plurality of definitional elements are objectified.

55. (NEW) The computer program product of claim 53 wherein said at least one object comprises a control object configured to facilitate the flow of data between at least one external data source and said plurality of definitional elements.

56. (NEW) The computer program product of claim 53 wherein a group object class provides access to said plurality of definitional elements.

57. (NEW) The computer program product of claim 53 wherein said computer readable program code comprises a repetition control object for executing at least one of said plurality of definitional elements multiple times.

58. (NEW) A computer program product comprising:

a computer usable medium having computer readable program code for processing documents embodied therein, said computer readable program code configured to:

obtain a request for at least one first document;

forward said at least one first document to a client computer in response to said request;

obtain user input associated with said at least one first document;

execute an internal application configured to process said user input to generate at least one second document, wherein said at least one second document is assembled using at least one object having a persistence level that comprises state information maintained at a local level; and

forward said at least one second document to said client computer.

59. (NEW) A computer program product comprising:

a computer usable medium having computer readable program code for processing documents embodied therein, said computer readable program code configured to:

obtain a request for at least one first document;

forward said at least one first document to a client computer in response to said request;

obtain user input associated with said at least one first document;

execute an internal application configured to process said user input to generate at least one second document, wherein said at least one second document is assembled using at least one object having a persistence level that comprises state information maintained at a transaction level; and

forward said at least one second document to said client computer.

60. (NEW) A computer program product comprising:

a computer usable medium having computer readable program code for processing documents embodied therein, said computer readable program code configured to:

obtain a request for at least one first document;

forward said at least one first document to a client computer in response to said request;

obtain user input associated with said at least one first document;

execute an internal application configured to process said user input to generate at least one second document, wherein said at least one second document is assembled using at least one object having a persistence level that comprises state information maintained at a page level; and

forward said at least one second document to said client computer.

61. (NEW) A computer program product comprising:

a computer usable medium having computer readable program code for processing documents embodied therein, said computer readable program code configured to:

- obtain a request for at least one first document;
- forward said at least one first document to a client computer in response to said request;
- obtain user input associated with said at least one first document;
- execute an internal application configured to process said user input to generate at least one second document, wherein said at least one second document is assembled using at least one object having a persistence level that comprises state information maintained at a session level; and
- forward said at least one second document to said client computer.

62. (NEW) A computer program product comprising:

a computer usable medium having computer readable program code for processing documents embodied therein, said computer readable program code configured to:

- obtain a request for at least one first document;
- forward said at least one first document to a client computer in response to said request;
- obtain user input associated with said at least one first document;
- execute an internal application configured to process said user input to generate at least one second document, wherein said at least one second document is assembled using at least one object having a persistence level that comprises state information maintained at a global level; and
- forward said at least one second document to said client computer.



63. (NEW) A system for processing documents comprising:

- a client computer configured to transmit a request for at least one first document;
- a server computer configured to obtain said request and forward said at least one first document to said client computer in response to said request;
- said client computer configured to display said at least one first document, obtain user input associated with said first document, and forward said user input to said server computer;
- said server computer executing an internal application for processing said user input, wherein said internal application utilizes said user input to assemble at least one second document from a plurality of objectified definitional elements, and wherein said objectified definitional elements are identifiable via a group extension; and
- said server computer forwarding said at least one second document to said client computer.

64. (NEW) A system for processing documents comprising:

- a client computer configured to transmit a request for at least one first document;
- a server computer configured to obtain said request and forward said at least one first document to said client computer in response to said request;
- said client computer configured to display said at least one first document, obtain user input associated with said first document, and forward said user input to said server computer;
- said server computer executing an internal application for processing said user input wherein said internal application utilizes said user input to assemble at least one second document from a plurality of objectified definitional elements;
- said server computer forwarding said at least one second document to said client computer;
- wherein said internal application assembles said plurality of objectified definitional elements using at least one object having a persistence level, and wherein said at least one object obtains data for at least one of said plurality of objectified definitional elements from at least one external data source.

65. (NEW) A system for processing documents comprising:

- a client computer configured to transmit a request for at least one first document;
- a server computer configured to obtain said request and forward said at least one first document to said client computer in response to said request;
- said client computer configured to display said at least one first document, obtain user input associated with said first document, and forward said user input to said server computer;
- said server computer executing an internal application for processing said user input wherein said internal application utilizes said user input to assemble at least one second document from a plurality of objectified definitional elements;
- said server computer forwarding said at least one second document to said client computer;
- wherein said plurality of objectified definitional elements represent elements of said at least one second document, and wherein said internal application assembles said plurality of objectified definitional elements using at least one object having a persistence level.

66. (NEW) The system of claim 65 wherein HTML extensions are filtered out of said at least one second document prior to said server computer forwarding said at least one second document to said client computer.